



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H111281

Mode: Highway

Status: Submitted

US-301

From/Cross Street: NC 42

Specific Improvement Type: 11 - Access Management

To: US 264

Project Category: Regional Impact

Length: 5.98

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$53,507,000

Description:

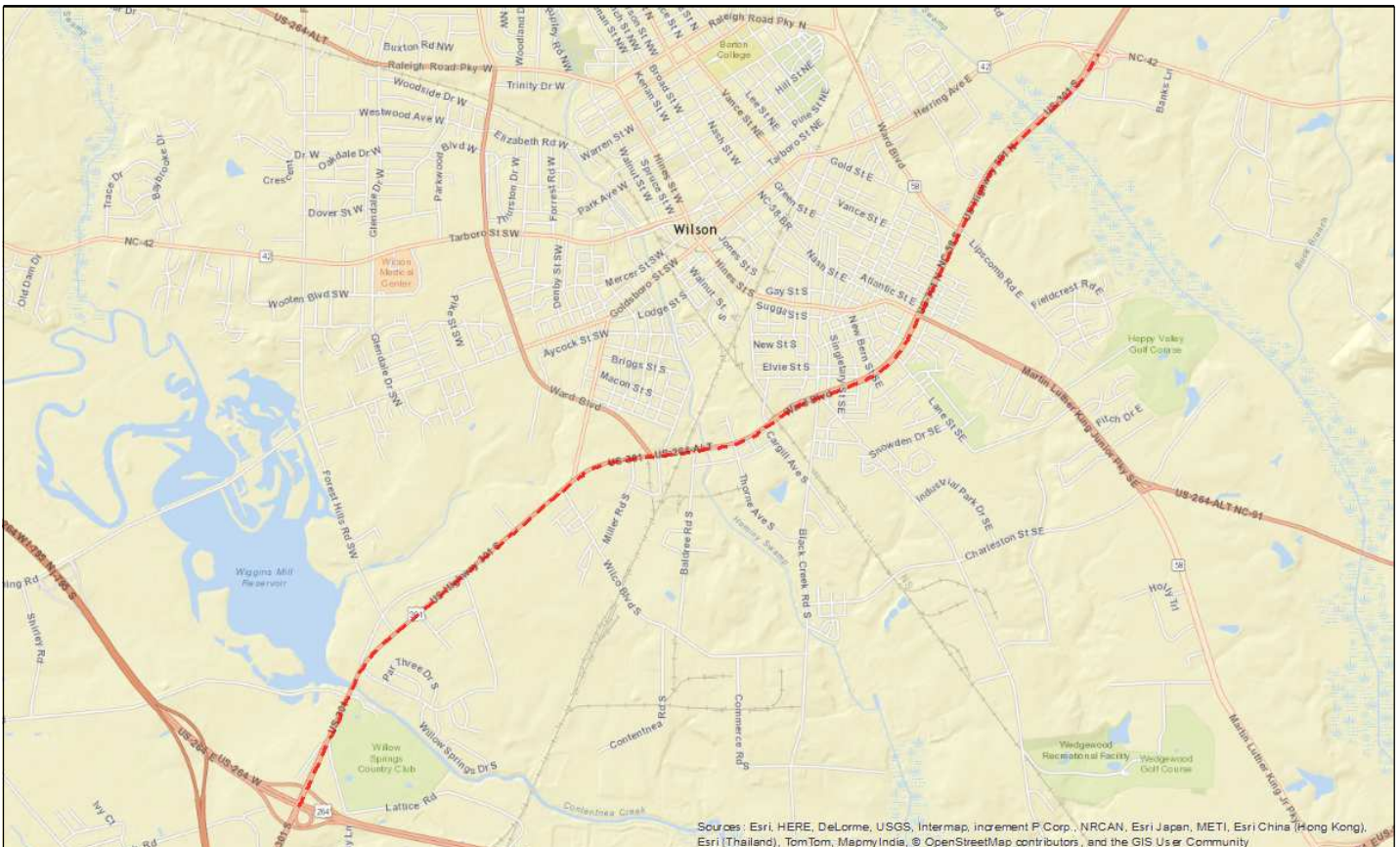
Upgrade This Facility to a Four-Lane Divided Boulevard with a 23-Foot Raised Landscaped Median, Sidewalks, and Wide Outside Lanes with Accommodations For Bikes.

Division(s): Division 4

County(s): WILSON

MPOS(s)/RPO(s): Upper Coastal Plain RPO

Project Location



Statewide Mobility Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	N/A	N/A

Regional Impact Total Score: 43.92

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (15%) 37.55 Safety (15%) 38.57 Lane Width (10%) 0.00 [Paved] Shoulder Width (10%) 25.00 [Travel Time] Benefit/Cost (20%) 0.00	Percent: 15% Points: 100	Percent: 15% Points: 100
Totals: Weight: 70% Weighted Score: 13.92		

Division Needs Total Score: 10.11

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (10%) 37.55 Safety (10%) 38.57 Lane Width (10%) 0.00 [Paved] Shoulder Width (10%) 25.00 [Travel Time] Benefit/Cost (10%) 0.00	Percent: 25% Points: 0	Percent: 25% Points: 0
Totals: Weight: 50% Weighted Score: 10.11		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	48
Length (miles):	5.98
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Other Principal Arterial
Terrain Type:	Level
Lane Width:	12
Paved Shoulder Width:	3
Roadway has Curb & Gutter?	No
Volume (AADT):	16749.76
Capacity:	32575.91
Volume/Capacity Ratio:	0.51
% Autos:	93%
% Trucks:	7%
Truck Volume:	1159.32
Crash Density:	27.69
Crash Severity:	55.46
Critical Crash Rate:	32.58
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	1
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	19
Existing Median Type (for Cost Estimation):	TWLT
Pavement Condition Rating:	66
Actual Congested Speed:	38.47
Travel Time Index:	1.13

Project Benefits

Project Cross-Section:	4C - 4 Lane Divided (23' Raised Median) with Curb & Gutter, Wide Outside Lanes, and Sidewalks
Speed Limit:	45
Length (miles):	5.98
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Other Principal Arterial
Terrain Type:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	-1356495.39
Travel Time Savings for 30 Years (Autos):	-1262607.02
Travel Time Savings for 30 Years (Trucks):	-93888.37
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 4

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT Online tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 4	100%	100	0
	0%	0	0
	0%	0	0
TOTAL Division Points		100	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Upper Coastal Plain RPO	100%	100	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		100	0

Project Cost and Source

Construction Cost:	\$52,782,000	TIP Unit
Right-of-Way Cost:	\$647,000	Cost Estimation Tool
Utilities Cost:	\$78,000	Cost Estimation Tool
Total Project Cost:	\$53,507,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$53,507,000	